

The embodiments of the invention in which an exclusive property or privilege is claimed are defined as follows:

1. A wall compound applicator appliance comprising:

a work station having a compound supply reservoir for storing a supply of compound, a transport tube connected at one end to the reservoir for filling an applicator tool with compound from the reservoir, a pump connected to the supply reservoir and the transport tube to move compound from the supply reservoir through the transport tube;

an applicator tool having a hollow tubular storage body with a discharge end and an air inlet end, an applicator tip at the discharge end and a compressed air inlet fitting at the inlet end;

a refillable, portable, compressed air tank with an air opening and a T- connector installed in the air opening;

an air delivery air line connected at a first end to one leg of the T connector and an air refill air line connected at a first end to the opposite end of the T connector;

said air delivery line connected at a second end to the inlet fitting on the inlet end of the applicator tool;

a carrying strap assembly that can be worn by a worker and releasably connectable to the tank with the air delivery line connected to the tank so that the worker can carry the tank and the applicator tool from place to place to perform work;

said work station including a compressed air manifold;

an air compressor;

said air compressor connected to the compressed air manifold to deliver compressed air to the compressed air manifold;

an adapter connected to the work station;

said adapter having a supply line connected to the compressed air manifold to receive compressed air through the compressed air manifold;

said adapter having a fixture for releasable connection to a second end of the refill air line;

said adapter having a manually operable valve movable between a closed position to block passage of air through the adapter from the compressed air manifold and an open position to permit passage of air from the compressed air manifold through the adapter outlet so that compressed air can be provided to the air refill air line to refill the compressed air tank when the air refill line is connected to the adapter;

said transport tube connected to the reservoir having a free end with a connector that connects with the one way fill valve on the applicator tool so that the applicator tool can be refilled with compound from the reservoir at the same time that the compressed air tank is being refilled with compressed air through the adapter.

2. The wall compound applicator appliance of Claim 1 wherein:

said carrying strap assembly includes a shoulder strap to be worn over the shoulder of a work person, and a compressed air tank pouch connected to the shoulder strap so as to be positioned adjacent the back of the work person wearing the shoulder strap over the shoulder.

3. The wall compound applicator appliance of Claim 2 wherein:

said air compressor manifold has a plurality of ports, including said supply line extending from one of said ports to the adapter.

4. The wall compound applicator appliance of Claim 2 wherein:

said pump connected to the supply reservoir and the transport tube is a diaphragm pump operated pneumatically by the air compressor.

5. The wall compound applicator appliance of Claim 1 wherein:

said carrying strap assembly includes a work belt to be worn about the waist of a worker, a sleeve for holding the tank, and an attachment loop connected to the sleeve and connectable to the work belt to enable the worker to carry the tank from the waist of the worker.

6. The wall compound applicator appliance of Claim 5 wherein:

said work belt is a two-part work belt having a waist band as one part and a belt as the other part, said waist band having belt loops accommodating the belt, said attachment loop on the sleeve attached to the belt.

7. The wall compound applicator appliance of Claim 6 wherein:

said waist band has ends with hook and loop attachment pads that can be fastened together when the waist band is positioned about the waist of a worker.